

824 Application Advice

Functional Group ID= **AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Notes:

1. Military Sealift Command uses this transaction set to exchange Application Advice information in response to Freight Receipt and Invoice (Ocean) (310) for containerized, breakbulk, and Government Bill of Lading (GBL) shipments.

Notes:

2/010 Use the OTI loop once for each rejected invoice.

2/070 Use the TED loop for technical error descriptions.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
LOOP ID - N1						>1	
Not Used	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
Not Used	070	REF	Reference Identification	O	12		
Not Used	080	PER	Administrative Communications Contact	O	3		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - OTI						>1	
Must Use	010	OTI	Original Transaction Identification	M	1		
Not Used	020	REF	Reference Identification	O	12		c1

824A - Application Advice (Ocean)

Not Used	030	DTM	Date/Time Reference	O	2	
Not Used	040	PER	Administrative Communications Contact	O	3	
Must Use	050	AMT	Monetary Amount	O	>1	
Not Used	060	QTY	Quantity	O	>1	
Not Used	065	NM1	Individual or Organizational Name	O	9	
LOOP ID - TED					>1	
	070	TED	Technical Error Description	O	1	
	080	NTE	Note/Special Instruction	O	100	
LOOP ID - LM					>1	
Must Use	085	LM	Code Source Information	O	1	n1
Must Use	086	LQ	Industry Code	M	100	
Must Use	090	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. Use of the LM loop is limited to the identification of industry unique application error conditions.

Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			824 X12.44 Application Advice	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 44 Rejection	M ID 2/2
Must Use	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Code value 310 used to indicate Freight Receipt and Invoice (Ocean).</i>	M AN 1/30
Must Use	BGN03	373	Date Date (YYMMDD)	M DT 6/6
Not Used	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Must Use	BGN06	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>1. Standard Carrier Alpha Code (SCAC).</i>	O AN 1/30

Not Used	BGN07	640	Transaction Type Code Code specifying the type of transaction	O	ID 2/2
Not Used	BGN08	306	Action Code Code indicating type of action	O	ID 1/2
Not Used	BGN09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following	O	ID 2/2

Segment:	OTI Original Transaction Identification
Position:	010
Loop:	OTI Mandatory
Level:	Summary:
Usage:	Mandatory
Max Use:	1
Purpose:	To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Syntax Notes:	1 If OTI09 is present, then OTI08 is required.
Semantic Notes:	1 OTI06 is the group date. 2 OTI07 is the group time. 3 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
Comments:	1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification. 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender. 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	OTI01	110 Application Acknowledgment Code	M ID 1/2
		Code indicating the application system edit results of the business data	
		TR Transaction Set Reject	
Must Use	OTI02	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		OI Original Invoice Number	
Must Use	OTI03	127 Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	OTI04	142 Application Sender's Code	O AN 2/15
		Code identifying party sending transmission; codes agreed to by trading partners	
Not Used	OTI05	124 Application Receiver's Code	O AN 2/15
		Code identifying party receiving transmission. Codes agreed to by trading partners	
Not Used	OTI06	373 Date	O DT 6/6
		Date (YYMMDD)	
Not Used	OTI07	337 Time	O TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes	

(00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	OTI08	28	Group Control Number	X	N0 1/9
			Assigned number originated and maintained by the sender		
Not Used	OTI09	329	Transaction Set Control Number	O	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
Not Used	OTI10	143	Transaction Set Identifier Code	O	ID 3/3
			Code uniquely identifying a Transaction Set		
Not Used	OTI11	480	Version / Release / Industry Identifier Code	O	AN 1/12
			Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed		

Segment: **AMT** Monetary Amount
Position: 050
Loop: OTI Mandatory
Level: Summary:
Usage: Optional (Must Use)
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			5 Total Invoice Amount	
Must Use	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	
Not Used	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	

Segment:	TED Technical Error Description
Position:	070
Loop:	TED Optional
Level:	Summary:
Usage:	Optional
Max Use:	1
Purpose:	To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:	
Semantic Notes:	
Comments:	1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
Notes:	1. The TED will occur once to identify an invoice with no matching manifest. 2. The TED will iterate once for each line item where the entire invoice has been disallowed.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TED01	647	Application Error Condition Code	M ID 1/3
			Code indicating application error condition	
			010 Total Out of Balance	
			Invoice quantity and rate do not match manifest quantity and rate.	
			011 Not Matching	
			Invoice with no matching manifest header.	
			822 Transaction Set Payment Amount Error	
			Invoice rate did not match manifest rate.	
			IID Invalid Identification Code	
			Container number not found on manifest.	
			IQT Invalid Quantity	
			Invoice quantity did not match manifest quantity.	
			Q Missing or Invalid Item Identification	
			TCN not found on manifest.	
			V Missing or Unauthorized Action Code	
			Type service not found on manifest.	
	TED02	3	Free Form Message	O AN 1/60
			Free-form text	
			<i>Used to further clarify the error condition code.</i>	
Not Used	TED03	721	Segment ID Code	O ID 2/3
			Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	
Not Used	TED04	719	Segment Position in Transaction Set	O N0 1/6
			The numerical count position of this data segment from the start of the	

			transaction set: the transaction set header is count position 1		
Not Used	TED05	722	Element Position in Segment	O	N0 1/2
			This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID		
Not Used	TED06	725	Data Element Reference Number	O	N0 1/4
			Reference number used to locate the data element in the Data Element Dictionary		
Not Used	TED07	724	Copy of Bad Data Element	O	AN 1/99
			This is a copy of the data element in error		
Not Used	TED08	961	Data Element New Content	O	AN 1/99
			New data which has replaced erroneous data		

Segment: **NTE** Note/Special Instruction
Position: 080
Loop: TED Optional
Level: Summary:
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:**Semantic Notes:**

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
Not Used	NTE01	363	Note Reference Code	O ID 3/3
			Code identifying the functional area or purpose for which the note applies	
Must Use	NTE02	352	Description	M AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>Additional free-form text for error description to include: type service, container number, freight bill number, TCN, commodity code, quantity, rate, and amount.</i>	

Segment: **LM** **Code Source Information**
Position: 085
Loop: LM Optional (Must Use)
Level: Summary:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	LM01	559 Agency Qualifier Code	M	ID 2/2
		Code identifying the agency assigning the code values		
		DF Department of Defense (DoD)		
	LM02	822 Source Subqualifier	O	AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier		

Segment: **LQ** Industry Code
Position: 086
Loop: LM Optional (Must Use)
Level: Summary:
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		<i>Code value 45 refers to X12 Code Source 350: Defense Logistics Management System Manual, DoD 4000.25-M, Vol 1.</i>	
		45	Ocean Carrier Code
			An ocean carrier
LQ02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	
		<i>Use Standard Carrier Alpha Code (SCAC).</i>	

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same value as appears in the ST02.</i>	